



PATENT  
Docket No. 10245US03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: }  
JATHAN D. EDWARDS et al. }  
Serial No.: 10/781,439 }  
Filed: February 18, 2004 }  
For: SANDWICH HOLOGRAPHIC DISK }  
CONSTRUCTION WITH THIN MOLDED }  
SUBSTRATES }  
}

**CERTIFICATE OF TELEFACSIMILE TRANSMISSION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Examiner Faye G. Assaf  
Fax No.: (571) 273-2307

Dear Sir:

I certify that the following pages are being telefacsimile transmitted to the U.S. Patent and Trademark Office on the date shown below:

1. Communication under 37 C.F.R. 1.8(b) with Certificate of Facsimile (1 page)
2. Copy of Transmittal of Information Disclosure Statement under 37 C.F.R. 1.97(b) (2 pages)
3. Forms 1449 (3 pages)

Respectfully submitted,

  
Eric D. Levinson  
Reg. No. 35,814

8/13/04  
Date

imation Legal Affairs  
P.O. Box 64898  
St. Paul, Minnesota 55164-0898  
Telephone: (651) 704-3604  
Facsimile: (651) 704-5951

**7 PAGES - INCLUDING COVER PAGE**

Patent  
Docket No.: 10245US03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jathan D. Edwards et al.

Serial No.: 10/781,439

Filed: 02/18/2004

For: SANDWICH HOLOGRAPHIC DISK  
CONSTRUCTION WITH THIN  
MOLDED SUBSTRATES

Group Art Unit: 2872

Examiner: Faye O. Assaf

Notice of Allowance  
Dated 07/13/04CERTIFICATE UNDER 37 CFR 1.8: I hereby certify that this correspondence is being transmitted by facsimile to the Commissioner for Patents, Alexandria, VA 22313-1450 on 13 August, 2004.By: Eric Levinson  
Name: Eric D. LevinsonCOMMUNICATION UNDER 37 C.F.R. 1.8(b)Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants wish to thank the Examiner for the Notice of Allowance mailed July 13, 2004. The undersigned has reviewed Applicants' file for completeness before payment of the issue fee and requests the following:

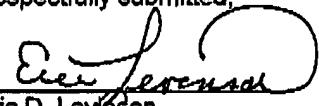
Although an Information Disclosure Statement with Certificate of First Class Mail was mailed to the Patent Office on May 28, 2004 (copies of the Information Disclosure Statement and three pages of Forms 1449 are attached), it appears the Patent Office did not receive them. I attest to my personal knowledge that on May 28, 2004, the Information Disclosure Statement was deposited by First Class Mail to the U.S. Patent Office.

Because the art was properly submitted, Applicants request the Examiner consider and initial the attached 1449s and return them to the undersigned's attention at the address or facsimile number listed below. Please feel free to contact the undersigned with any questions.

Respectfully submitted,

8/13/04

Date

  
Eric D. Levinson

Registration No. 35,814

Imation Legal Affairs  
P.O. Box 64898  
St. Paul, Minnesota 55164-0898  
Telephone: (651) 704-3604  
Facsimile: (651) 704-5951

<b>TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT</b> (Under 37 CFR 1.97(b) or 1.97(c))		Docket No. 10245US03
In Re Application Of: <b>Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom</b>		<b>DOCKETED</b> Date <u>8/11/04</u> By <u>TLO</u>
Serial No. <b>10/781,439</b>	Filing Date <b>02/18/2004</b>	Examiner
		Group Art Unit <b>2872</b>
<b>Title: SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES</b>		
Address to: <b>Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450</b>		
<b>37 CFR 1.97(b)</b>		
<p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an International application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p>		
<b>37 CFR 1.97(c)</b>		
<p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="margin-left: 20px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center; margin-top: 10px;"><b>OR</b></p> <p style="margin-left: 20px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>		

**TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT**  
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.  
10245US03

In Re Application: **Jathan D. Edwards, Frank E. Aspen, Ramon F. Hegel, and Chad R. Sandstrom**

Serial No.  
10/781,439

Filing Date  
02/18/2004

Examiner

Group Art Unit  
2872

**SANDWICH HOLOGRAPHIC DISK CONSTRUCTION WITH THIN MOLDED SUBSTRATES**
**Payment of Fee**

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

A check in the amount of \_\_\_\_\_ is attached.

The Director is hereby authorized to charge and credit Deposit Account No. \_\_\_\_\_ as described below.

Charge the amount of \_\_\_\_\_

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Eric D. Levinson, Reg. No. 35,814  
Imation Corp. Legal Affairs  
P.O. Box 64898  
St. Paul, MN 55164-0898  
Telephone: 651/704-3604  
Facsimile: 651/704-5951

**Certificate of Mailing by First Class Mail**

I certify that this document and fee is being deposited on 5/28/04 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*[Signature]*

Signature of Person Mailing Correspondence

Eric D. Levinson

Typed or Printed Name of Person Mailing Certificate

Dated: 5/28/04

CC:

INFORMATION DISCLOSURE CITATION		Atty. Docket No.: 10245US03		Serial No.: 10/781,439			
		Applicant(s): Jathan D. Edwards et al.					
		Filing Date: February 18, 2004		Group: 2872			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	SubClass	Filing Date if Appropriate
		4,330,604	05/1982	Wrede et al.			
		4,992,336	02/1991	Yamamoto et al.			
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		5,476,700	12/1995	Asai et al.			
		5,487,926	01/1996	Kurabayashi et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub-Class	Translation
		0 386 971 A1	09/1999	EP			Yes No
		DE4208328	09/1993	Germany			Abstract
<b>OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)</b>							
		Psaltis et al., "Holographic storage using shift multiplexing," Optics Letters, Vol. 20, No. 7, April 1, 1995, pp. 782-784					
		Pu et al., "High-density recording in photopolymer-based holographic three-dimensional disks," Applied Optics, Vol. 35, No. 14, May 1996, pp. 2389-2398					
		Barbastathis et al., "Shift multiplexing with spherical reference waves," Applied Optics, Vol. 35, No. 14, May 1996, pp. 2403-2417					
		Psaltis et al., "Holographic Data Storage," Computer IEEE, February 1998, pp. 52-60					
		Dhar et al., "Holographic storage of multiple high-capacity digital data pages in thick photopolymer system," Optics Letters, Vol. 23, No. 21, November 1, 1998, pp. 1710-1712					
		Curtis et al., "High Density, High Performance Data Storage via Volume Holography: The Lucent Technologies Hardware Platform," Bell Laboratories, Lucent Technologies, pp. 1-9, published in 2000 by Holographic Data Storage, Ed. Coufal et al.					
		Ashley et al., "Holographic data storage," IBM J. Res Develop, Vol., 44, No. 3, 3 May 2000, pp. 341-368					
EXAMINER			Date Considered				
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

INFORMATION DISCLOSURE CITATION	Atty. Docket No.: 10245US03	Serial No.: 10/781,439
	Applicant(s): Jathan D. Edwards et al.	
	Filing Date: February 18, 2004	Group: 2872

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						Yes No
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	WO 00/48172 A2	08/2000	PCT			
	61126648	06/1986	Japan			Abstract Only
	63-74618	04/1988	Japan			X
	63124247	05/1988	Japan			Abstract Only
	2-134219	05/1990	Japan			X
	05278088	10/1993	Japan			Abstract Only
	9-295319	11/1997	Japan			X
	10-230524	09/1998	Japan			X

## EXAMINER

## Date Considered

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<b>INFORMATION DISCLOSURE CITATION</b>	Atty. Docket No.: 10245US03	Serial No.: 10/781,439
	Applicant(s): Jathan D. Edwards et al.	
	Filing Date: February 18, 2004	Group: 2872

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	6,108,297	08/2000	Ohta et al.			
	6,132,545	10/2000	Motokawa et al.			
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**FOREIGN PATENT DOCUMENTS**

		Document Number	Date	Country	Class	Sub-Class	Translation	
							Yes	No

**OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)**


<b>EXAMINER</b>	Date Considered
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\* Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Based on Form PTO-FB-A820  
(also form PTO-1449)

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